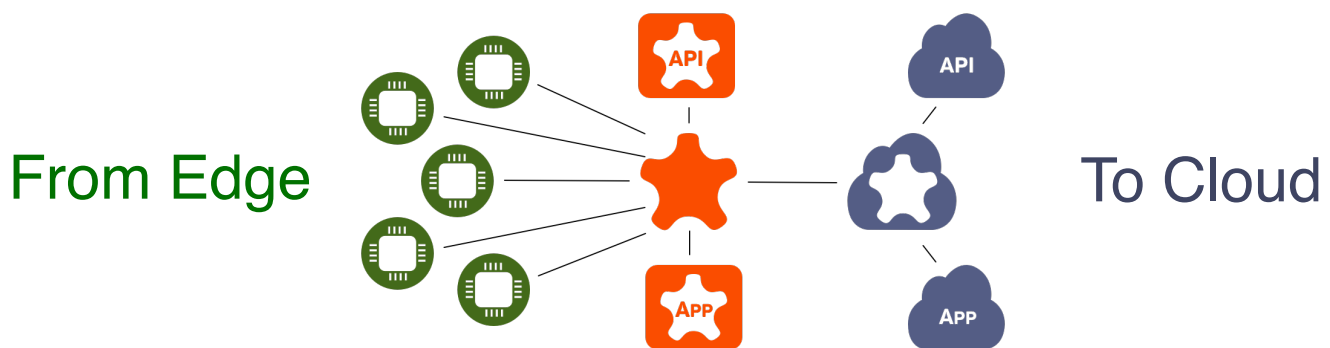


Take your Industrial IoT product quickly from concept to production with the flexibility and robustness of the VersaLink Industrial Internet of Things software platform.



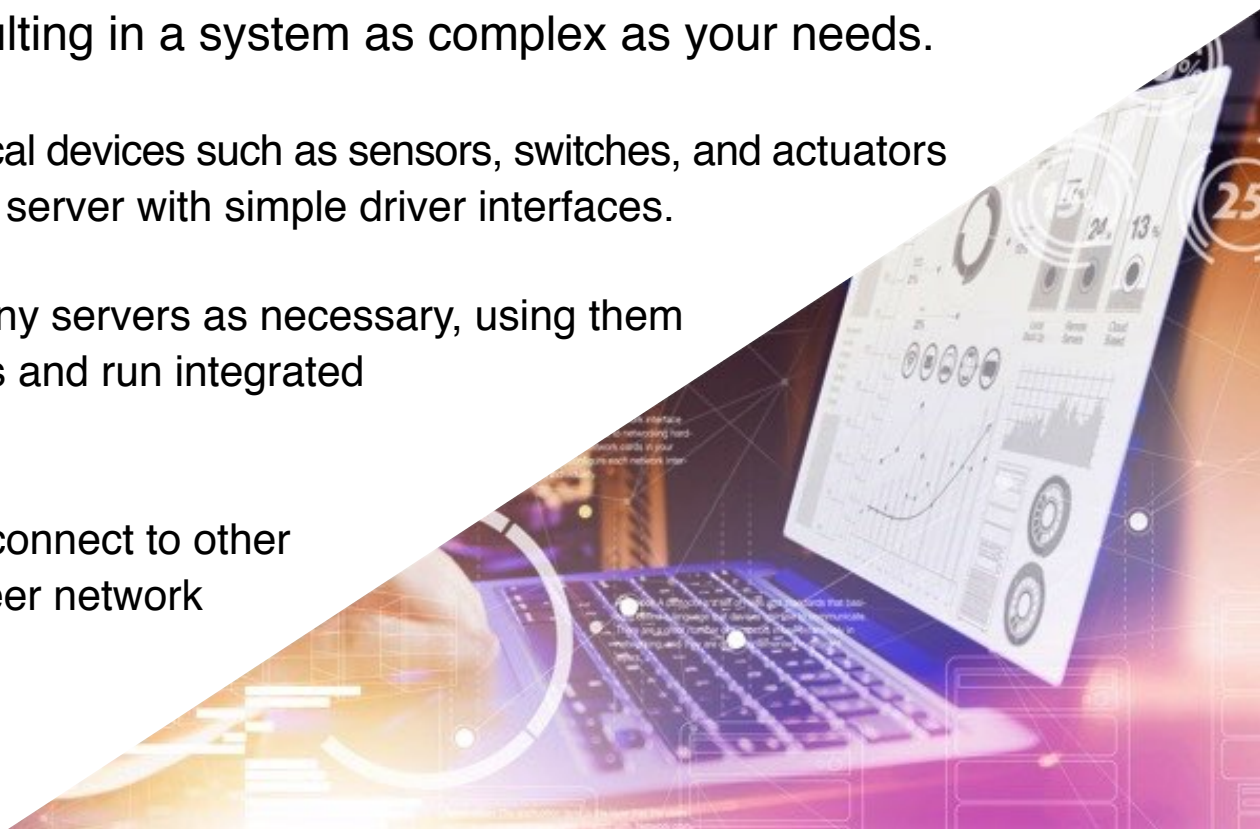
And many points between

With VersaLink, easily create a sophisticated network of connected devices, resulting in a system as complex as your needs.

Connect physical devices such as sensors, switches, and actuators to a VersaLink server with simple driver interfaces.

Employ as many servers as necessary, using them to publish APIs and run integrated applications.

A server may connect to other servers in a peer network to share data.



Secure

- ✓ All data communications are encrypted
- ✓ All connections require positive authentication including peer servers
- ✓ Since no 3rd party services are required, your data goes only where you want it to

Responsive

- ✓ Respond to events, limits, changes, and occurrences
- ✓ Handle events locally by issuing commands to devices or by sending responses to applications
- ✓ Propagate events to other applications and devices connected through peer servers
- ✓ Publish events on a stream for remote subscribers to receive

Extensible

- ✓ Create new apps or device drivers using Javascript
- ✓ Choose from thousands of open-source modules to customize for your use
- ✓ Write your own proprietary drivers, apps, and APIs from scratch if desired

Flexible

- ✓ Link to one or more other instances of VersaLink (peer servers)
- ✓ Create any topology of servers, devices, APIs, and apps
- ✓ Data analytics can be conducted locally, or in near-real time in the cloud
- ✓ Servers can run on anything which uses Linux, Windows, or macOS as an OS.

Interoperable

- ✓ Any Application Interface (API) may be published
- ✓ No limit to the number of concurrent APIs
- ✓ Device drivers can easily be added for any hardware or virtual device
- ✓ Interface to any other application running on the server

Robust

- ✓ Peer servers automatically reconnect after a communications outage
- ✓ Data unable to be transmitted to a peer because of communications fault is held for retransmission when normal comms are restored
- ✓ System will recover and reconnect after a power failure

Capable

- ✓ Does not require any 3rd party/cloud services
- ✓ Can connect with other peer servers to create a mesh network
- ✓ Can operate in remote areas
- ✓ Can work standalone



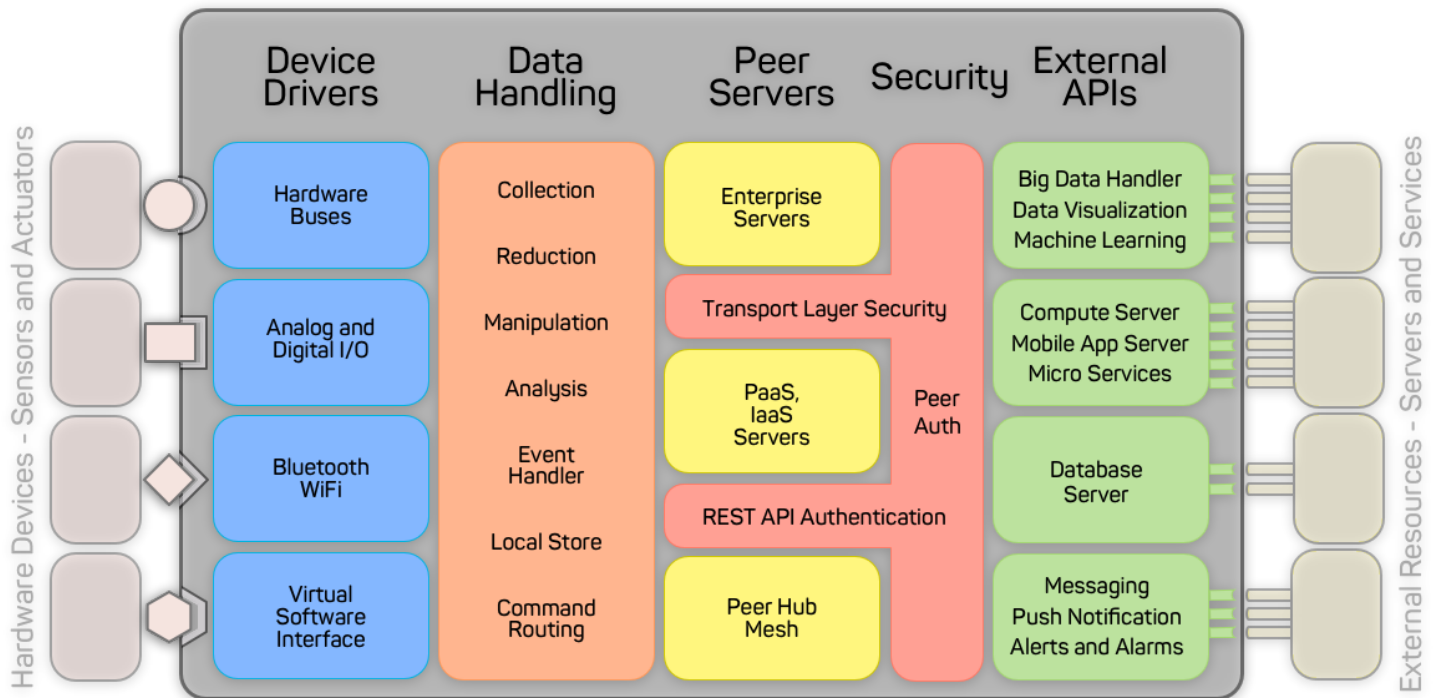
Devices interface with a VersaLink server using modular drivers. Devices may themselves be physical hardware or virtual devices of any type and number of inputs.

VersaLink servers provide the core infrastructure including a REST API, application environment, as well as the capability to connect with other VersaLink servers.

The VersaLink server is engineered to run on small inexpensive single board computers (SBCs), high-end cloud servers, and anything in-between.

Any number of VersaLink servers may be connected together in a peer network.

A VersaLink server does not require an Internet connection for operation, but can fully employ an Internet connection if and when one is available.



Applications run within the VersaLink environment, and may query devices, subscribe to data streams, and interact with the server and other applications.

Applications may be used to publish APIs, create interactions between devices, control the operation of devices, perform data analysis and storage, route and forward commands, respond to events, and interact with external programs.

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